

SEQUENCE LISTING

<110> Harper, Jeffrey W.
Elledge, Stephen J.

<120> F-BOX PROTEINS AND GENES

<130> BCM-03510

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<150> 08/951,621
<151> 1997-10-16

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<170> PatentIn Ver. 2.0

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<212> DNA

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Thr Leu Cys Arg Cys Ala Gln Ile Ser Lys Ala Trp Asn Ile Leu Ala
35 40 45

Leu Asp Gly Ser Asn Trp Gln Arg Ile Asp Leu Phe Asn Phe Gln Ile
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Asp Val Glu Gly Arg Val Val Glu Asn Ile Ser Lys Arg Cys Gly Gly
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Phe Leu Arg Lys Leu Ser Leu Arg Gly Cys Ile Gly Val Gly Asp Ser
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Ser Leu Lys Thr Phe Ala Gln Asn Cys Arg Asn Ile Glu His Leu Asn
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Leu Asn Gly Cys Thr Lys Ile Thr Asp Ser Thr Cys Tyr Ser Leu Ser
115 120 125

Arg Phe Cys Ser Lys Leu Lys His Leu Asp Leu Thr Ser Cys Val Ser
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Glu Tyr Leu Asn Leu Ser Trp Cys Asp Gln Ile Thr Lys Asp Gly Ile
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 Cys His Glu Leu Val Ser Leu Asn Leu Gln Ser Cys Ser Arg Ile Thr
 210 215 220
 Asp Glu Gly Val Val Gln Ile Cys Arg Gly Cys His Arg Leu Gln Ala
 225 230 235 240
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 Thr Leu Ile Gln Leu Ser Ile His Cys Pro Lys Leu Gln Ala Leu Ser
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 Cys Leu Leu Ile Thr Asp Val Ala Leu Glu His Leu Glu Thr Ala Glu
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 Ala Trp Ser Ala Ser Ser Cys Thr Thr Ala Ser Arg Leu Pro Val Gln
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 Ala Ser Ser Gly Cys Gly Leu Ser Ser Leu Met Ser Lys Ser Thr Pro
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 Glu Leu Ile Gln Leu Ile Leu Asn His Leu Thr Leu Pro Asp Leu Cys
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 Arg Leu Ala Gln Thr Cys Lys Leu Leu Ser Gln His Cys Cys Asp Pro
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 115 120 125
 Phe Ser Arg Phe Leu Lys Val Cys Gly Ser Glu Leu Val Arg Leu Glu
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 145 150 155 160
 Glu Met Cys Pro Asn Leu Gln Ala Leu Asn Leu Ser Ser Cys Asp Lys
 165 170 175
 Leu Pro Pro Gln Ala Phe Asn His Ile Ala Lys Leu Cys Ser Leu Lys
 180 185 190
 Arg Leu Val Leu Tyr Arg Thr Lys Val Glu Gln Thr Ala Leu Leu Ser
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Ile Leu Asn Phe Cys Ser Glu Leu Gln His Leu Ser Leu Gly Ser Cys
 210 215 220
 Val Met Ile Glu Asp Tyr Asp Val Ile Ala Ser Met Ile Gly Ala Lys
 225 230 235 240
 Cys Lys Lys Leu Arg Thr Leu Asp Leu Trp Arg Cys Lys Asn Ile Thr
 245 250 255
 Glu Asn Gly Ile Ala Glu Leu Ala Ser Gly Cys Pro Leu Leu Glu Glu
 260 265 270
 Leu Asp Leu Gly Trp Cys Pro Thr Leu Gln Ser Ser Thr Gly Cys Phe
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 Thr Arg Leu Ala His Gln Leu Pro Asn Leu Gln Lys Leu Phe Leu Thr
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 Ala Asn Arg Ser Val Cys Asp Thr Asp Ile Asp Glu Leu Ala Cys Asn
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 325 330 335
 Lys Phe Val Leu Asn Val Cys Phe Leu Asp Arg Lys Ala Asn Leu Arg
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Gln Leu Thr Lys Thr Gly Ser Leu Trp Lys His Leu Tyr Pro Val His
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Glu Pro Asp Asp Glu Trp Val Lys Asn Arg Lys Asp Glu Ser Arg Ala
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Phe His Glu Trp Asp Glu Asp Ala Asp Ile Asp Glu Ser Glu Glu Ser
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Leu His Gly Leu Ile His Asn Val Leu Pro Tyr Val Gly Thr Ser Val
145 150 155 160
Lys Thr Leu Val Leu Ala Tyr Ser Ser Ala Val Ser Ser Lys Met Val
165 170 175
Arg Gln Ile Leu Glu Leu Cys Pro Asn Leu Glu His Leu Asp Leu Thr
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Gln Thr Asp Ile Ser Asp Ser Ala Phe Asp Ser Trp Ser Trp Leu Gly
195 200 205
Cys Cys Gln Ser Leu Arg His Leu Asp Leu Ser Gly Cys Glu Lys Ile
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Thr Asp Val Ala Leu Glu Lys Ile Ser Arg Ala Leu Gly Ile Leu Thr
225 230 235 240
Ser His Gln Ser Gly Phe Leu Lys Thr Ser Thr Ser Lys Ile Thr Ser
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Thr Ala Trp Lys Asn Lys Asp Ile Thr Met Gln Ser Thr Lys Gln Tyr
260 265 270

Ala Cys Leu His Asp Leu Thr Asn Lys Gly Ile Gly Glu Glu Ile Asp
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 Asn Glu His Pro Trp Thr Lys Pro Val Ser Ser Glu Asn Phe Thr Ser
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 Pro Tyr Val Trp Met Leu Asp Ala Glu Asp Leu Ala Asp Ile Glu Asp
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 Thr Val Glu Trp Arg His Arg Asn Val Glu Ser Leu Cys Val Met Glu
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 Thr Ala Ser Asn Phe Ser Cys Ser Thr Ser Gly Cys Phe Ser Lys Asp
 340 345 350
 Ile Val Gly Leu Arg Thr Ser Val Cys Trp Gln Gln His Cys Ala Ser
 355 360 365
 Pro Ala Phe Ala Tyr Cys Gly His Ser Phe Cys Cys Thr Gly Thr Ala
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 385 390 395 400
 Ala Ala Arg Thr Arg Leu Pro Arg Gly Lys Asp Leu Ile Tyr Phe Gly
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 Ser Glu Lys Ser Asp Gln Glu Thr Gly Arg Val Leu Leu Phe Leu Ser
 420 425 430
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 435 440 445
 Leu Gly Gly Gly Leu Pro Tyr Leu Glu His Leu Asn Leu Ser Gly Cys
 450 455 460
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 Ser Leu Asn Asp Glu Tyr Phe Tyr Tyr Cys Asp Asn Ile Asn Gly Pro
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<210> 58

<211> 117

<212> DNA

<213> Homo sapiens

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